

AMENDMENTS TO THE ABSTRACT

Please replace the abstract with the following abstract:

ABSTRACT

The present invention relates to a first group of ~~novel~~-genes, here identified as genomic address messenger or VGAM genes, and a second group of ~~novel~~-operon-like genes, here identified as viral genomic record or VGR genes. VGAM genes selectively inhibit translation of known 'target' genes, many of which are known to be involved in various diseases. Nucleic acid molecules are provided respectively encoding 1560 VGAM genes[[,]] and 205 VGR genes, as are vectors and probes ~~both~~-comprising the nucleic acid molecules, ~~and~~ Also provided are methods and systems for detecting VGAM and VGR genes and their specific functions and utilities-~~thereof~~, for detecting expression of VGAM and VGR genes, and for selectively enhancing and selectively inhibiting translation of the respective target genes ~~thereof~~ of the nucleic acid molecules.